

In the Specification

Please replace the paragraph beginning at page 21, line 22 with the following amended paragraph:

The fluid that the heat is rejected to can flow through the condenser due to the forces generated by, for example, wind, natural convection, fans, blowers, or compressors. In a specific embodiment, referring to Figure 2, air can be blown into the condenser via, for example, a fan 570, such that air from air inlet port 3 is blown into the condenser and removes heat from the extended surface features 860. A fan motor 560 can power the fan 570 having one or more fan blades. One or more of the components of the subject cooling system can be located, at least partially and preferably substantially, within the volume created by the inner surface 800 of the condenser. In a specific embodiment, a portion of the air from fan 570 can be blown across the internal components of the subject cooling unit. Referring to Figure 5, a small gap 900, of size between, for example, about 0.01 inches and about 0.1 inches, between the inside wall of the condenser insert 810 and the internal components can be incorporated to allow direct cooling of the components. By positioning at least a portion of the compressor within the volume created by the inner surface 800 of the inner wall of the condenser and allowing a portion of the air from fan 570 to be blown across the internal components of the subject cooling unit, for example via gap 900, two temperature zones can be created such that the air flowing over the surface enhancements 860 of the heat transfer surface 880 is at a lower temperature than air flowing across the internal components. In a specific embodiment, the inner surface ~~880~~ 800 of the inner wall of the condenser can also transfer heat to air flowing within the volume created by the inner surface 800 of the inner wall of the condenser. In a further specific embodiment, inner surface 800 can also incorporate extended surface features similar to heat transfer surface 880.